

Shubham Ralli

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Experienced Business and Data Analyst adept at deriving actionable insights from complex data. Skilled in advanced analytics tools, I thrive on optimizing processes to achieve our goals. Let's work together to make data work for us!

EDUCATION

The University of Texas at Dallas

Bachelor of Science, Business Analytics (Dean's List | Transfer Scholarship Recipient)

May 2025

GPA 3.9

WORK EXPERIENCE

The University of Texas at Dallas - Richardson, TX

Business Intelligence Analyst

January 2024 - Present

- Streamlined advisory consultations, achieving a 20% efficiency boost with personalized degree plans in Excel.
- Elevated decision accuracy by 15% through technical analysis of academic data employing eLearning systems.
- Implemented data visualization techniques to enhance the presentation of analytical findings.

Data Analyst & Consultant

October 2022 - January 2024

- Integrated MS Access, e-learning, and advanced Excel to craft degree plans for 150 students, achieving a 90% graduation rate.
- Maintained 100% student engagement through degree plan consultations.
- Conducted regular data audits to ensure all student records upheld data integrity and security standards.

Business Analytics Coordinator

September 2022 - January 2024

- Orchestrated an International Dean's conference with 95% attendee satisfaction by implementing agile methodologies.
- Led a social marketing team, increasing student participation by 40% using data-driven insights.
- Engineered strategies for a 20% increase in event efficiency through process optimization.

TECHNICAL SKILLS

Database Tools & Query Languages: Workbench | SSIS | SSAS | ETL | MySQL | PostgreSQL | MySQL Server

Programming & Scripting: Python | MATLAB | Data Wrangling | Linux

Data Visualization & Reporting: Tableau | Power BI | IBM Cognos Analytics | SAP Crystal Reports | SSRS | M/S Productivity Suite

Machine Learning & Data Analysis: ML | Data Mining | Neural Networks | Clustering | Probabilistic Decision Trees | Classification

CERTIFICATIONS

IBM Certified Data Analyst | Google Certified Data Analyst | KPMG Data Analytics Consulting Virtual Internship | Accenture Data Analytics and Visualization Virtual Experience via Forage | Data Privacy & Protection, Data Manipulation (Python, SQL) | Oracle Database Explorer, MySQL Explorer, and Oracle Cloud Overview | Agile Business Foundations-PMI | FERPA Certified

PROJECTS

Predictive Data Mining: Purchase Probability Analysis

August 2023 - December 2023

- Led an extensive data mining initiative, achieving a precision-focused predictive modeling accuracy of over 85%.
- Identified customer probabilities with a precision rate exceeding 90% using Neural Networks.
- Used hierarchical probabilistic decision trees, leading to a 20% refinement in decision-making under supervised ML.

Trends in Aviation Accidents: Tableau Analytics

August 2023 - December 2023

- Recognized by Tableau for presenting insights and forecasts on aviation accident trends.
- Increased stakeholder understanding by 20% with enhanced aircraft safety strategies.
- Led ETL optimization, reducing redundancy by 40% and enhancing processing speed for integration with Tableau.

IBM Data Analyst Capstone Project

June 2023 - July 2023

- Identified in-demand programming languages with web scraping via Python and APIs, improving accuracy by 15%.
- Uncovered vital industry trends, identifying Swift as the leading language with a 10% salary increase.
- Optimized databases and visualized data using Cognos Analytics and Folium, resulting in a 20% boost in efficiency.

MySQL: Walmart Sales Forecasting

April 2023 - May 2023

- Analyzed Walmart's Sales data, uncovering meaningful correlations between sales and specific dimensional attributes.
- Optimized queries & extracted insights for improved business understanding of consumer behavior and store dynamics.

ADDITIONAL INFORMATION

Eligibility: VISA, Eligible to work in the US for internships and full-time for up to 36 months

Languages: English and Hindi